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L115: Entry 2 of 7

File: DWPI

Apr 11, 2002

DERWENT-ACC-NO: 2002-455572

DERWENT-WEEK: 200254

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TITLE: Improving the foaming properties of an aqueous tooth-paste by addition of a plant protein hydrolysate or its condensation product with a 12-22C fatty acid

INVENTOR: BRANDS, A; EISFELD, W ; PASTURA, A ; WUELKNITZ, P

PATENT-ASSIGNEE:

ASSIGNEE

HENKEL KGAA

CODE

HENK

PRIORITY-DATA: 2000DE-1049656 (October 7, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 10049656 A1	April 11, 2002		006	A61K007/16
AU 200220572 A	April 22, 2002		000	A61K007/16
WO 200230376 A1	April 18, 2002	G	000	A61K007/16

DESIGNATED-STATES: AU BR CA CN CZ HU JP MX NO PL SK US AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 10049656A1	October 7, 2000	2000DE-1049656	
AU 200220572A	September 27, 2001	2002AU-0020572	
AU 200220572A		WO 200230376	Based on
WO 200230376A1	September 27, 2001	2001WO-EP11196	

INT-CL (IPC): A61 K 7/16

ABSTRACTED-PUB-NO: DE 10049656A

BASIC-ABSTRACT:

NOVELTY - An aqueous tooth-cleaning agent containing (A) a particulate polishing agent, (B) a moisture-retaining agent and (C) an anionic/nonionic surfactant combination is given better improved foaming properties by addition of (D) a plant protein hydrolysate or its condensation product with a 12-22C fatty acid.

USE - Tooth-paste, -cream or-gel.

ADVANTAGE - Use of a (C) + (D) combination as the surfactant leads to improvements in foaming capacity and foam stability.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: IMPROVE FOAM PROPERTIES AQUEOUS TOOTH PASTE ADD PLANT PROTEIN HYDROLYSATE CONDENSATION PRODUCT FATTY ACID

DERWENT-CLASS: A96 D21

CPI-CODES: A12-V04B; D08-B08A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; H0000 ;
P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; P0055 Polymer Index [1.2] 018 ; ND01 ;
Q9999 Q9198 Q9165 ; K9632 K9621 ; K9325

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-129751

Case Creation Option

Case "10057215" already exists. Please overwrite it or cancel the operation.

The Contents of Case "10057215"

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	((424/70.19)!.CCLS.)	USPT	None	ADJ	YES
Q2	((424/400)!.CCLS.)	USPT	None	ADJ	YES
Q3	Q1 and Q2	USPT	None	ADJ	YES
Q4	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	USPT	None	ADJ	YES
Q5	shampoo or hair reperative or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sunxscreen) near5 product)	USPT	None	ADJ	YES
Q6	(composition or preparation or product)	USPT	None	ADJ	YES
Q7	Q5 and Q6	USPT	None	ADJ	YES
Q8	shampoo or hair reperative or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or	USPT	None	ADJ	YES

	personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)				
Q9	Q7 and Q8	USPT	None	ADJ	YES
Q10	Q5 and Q9	USPT	None	ADJ	YES
Q11	Q4 and Q10	USPT	None	ADJ	YES
Q12	(Liquid or solid or gel or gel\$9) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q13	(Liquid or aqueous) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q14	(solid or dehydrated) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q15	Q13 and Q14	USPT	None	ADJ	YES
Q16	Q12 and Q15	USPT	None	ADJ	YES
Q17	Q11 and Q16	USPT	None	ADJ	YES
Q18	Q11 and Q15	USPT	None	ADJ	YES
Q19	Q11 and Q14	USPT	None	ADJ	YES
Q20	Q11 and Q13	USPT	None	ADJ	YES
Q21	Q11 and Q12	USPT	None	ADJ	YES
Q22	Q6 and Q8	USPT	None	ADJ	YES
Q23	Q12 and Q13	USPT	None	ADJ	YES
Q24	Q14 and Q23	USPT	None	ADJ	YES
Q25	Q15 and Q24	USPT	None	ADJ	YES
Q26	Q16 and Q25	USPT	None	ADJ	YES
Q27	Q4 and Q26	USPT	None	ADJ	YES
Q28	Q4 and Q22	USPT	None	ADJ	YES
Q29	Q22 and Q26	USPT	None	ADJ	YES

Q30	Q11 and Q28	USPT	None	ADJ	YES
Q31	Q14 and Q4	USPT	None	ADJ	YES
Q32	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	USPT	None	ADJ	YES
Q33	Q4 and Q32	USPT	None	ADJ	YES
Q34	Q13 and Q32	USPT	None	ADJ	YES
Q35	Q14 and Q32	USPT	None	ADJ	YES
Q36	Q33 and Q35	USPT	None	ADJ	YES
Q37	Q34 and Q35	USPT	None	ADJ	YES
Q38	Q34 and Q11	USPT	None	ADJ	YES
Q39	Q35 and Q11	USPT	None	ADJ	YES
Q40	(foam or foamer) near5 Q32	USPT	None	ADJ	YES
Q41	Q8 and Q40	USPT	None	ADJ	YES
Q42	Q12 and Q40	USPT	None	ADJ	YES
Q43	Q13 and Q40	USPT	None	ADJ	YES
Q44	Q14 and Q40	USPT	None	ADJ	YES
Q45	Q11 and Q40	USPT	None	ADJ	YES
Q46	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	USPT	None	ADJ	YES
Q47	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 (foam or foamer)	USPT	None	ADJ	YES
Q48	((plant or vegetable or seed or grain) near5 (protein near hydrolysate)near5 (foam or foamer))	USPT	None	ADJ	YES
	((plant or vegetable or				

Q49	seed or grain) near5 (protein near hydrolysate))	USPT	None	ADJ	YES
Q50	(foam or foamer)	USPT	None	ADJ	YES
Q51	Q8 and Q50	USPT	None	ADJ	YES
Q52	Q45 and Q51	USPT	None	ADJ	YES
Q53	Q45 and Q50	USPT	None	ADJ	YES
Q54	Q52 and Q53	USPT	None	ADJ	YES
Q55	solid same Q49	USPT	None	ADJ	YES
Q56	liquid same Q49	USPT	None	ADJ	YES
Q57	(gel or gel\$5) same Q49	USPT	None	ADJ	YES
Q58	foam	USPT	None	ADJ	YES
Q59	Q55 and Q58	USPT	None	ADJ	YES
Q60	Q56 and Q58	USPT	None	ADJ	YES
Q61	Q57 and Q58	USPT	None	ADJ	YES
Q62	Q60 and Q8	USPT	None	ADJ	YES
Q63	solid content	USPT	None	ADJ	YES
Q64	(1 near5 percent)	USPT	None	ADJ	YES
Q65	20 near5 (weight near5 percent)	USPT	None	ADJ	YES
Q66	1 near5 (weight near5 percent)	USPT	None	ADJ	YES
Q67	Q65 and Q66	USPT	None	ADJ	YES
Q68	Q63 and Q67	USPT	None	ADJ	YES
Q69	Q49 and Q68	USPT	None	ADJ	YES
Q70	Q8 and Q69	USPT	None	ADJ	YES
Q71	Q58 and Q68	USPT	None	ADJ	YES
Q72	Q49 and Q71	USPT	None	ADJ	YES
Q73	Q54 and Q71	USPT	None	ADJ	YES
Q74	Q52 and Q71	USPT	None	ADJ	YES
Q75	Q62 and Q71	USPT	None	ADJ	YES
Q76	Q60 and Q71	USPT	None	ADJ	YES
Q77	ash content	USPT	None	ADJ	YES
Q78	Q65 and Q77	USPT	None	ADJ	YES

Q79	Q66 and Q77	USPT	None	ADJ	YES
Q80	Q78 and Q79	USPT	None	ADJ	YES
Q81	Q68 and Q80	USPT	None	ADJ	YES
Q82	Q49 and Q81	USPT	None	ADJ	YES
Q83	Q49 and Q80	USPT	None	ADJ	YES
Q84	Q49 and Q79	USPT	None	ADJ	YES
Q85	Q49 and Q77	USPT	None	ADJ	YES
Q86	Q49 and Q63	USPT	None	ADJ	YES
Q87	Q85 and Q86	USPT	None	ADJ	YES
Q88	Q67 and Q86	USPT	None	ADJ	YES
Q89	Q67 and Q85	USPT	None	ADJ	YES
Q90	Q88 and Q85	USPT	None	ADJ	YES
Q91	Q88 and Q40	USPT	None	ADJ	YES
Q92	Q88 and shampoo	USPT	None	ADJ	YES
Q93	Q88 and Q49	USPT	None	ADJ	YES
Q94	Q93 and Q52	USPT	None	ADJ	YES
Q95	Q93 and Q53	USPT	None	ADJ	YES
Q96	Q93 and Q54	USPT	None	ADJ	YES
Q97	Q93 and Q88	USPT	None	ADJ	YES
Q98	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES

Case Creation Option

Case "10057215" already exists. Please overwrite it or cancel the operation.

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Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	((424/70.19)!.CCLS.)	USPT	None	ADJ	YES
Q2	((424/400)!.CCLS.)	USPT	None	ADJ	YES
Q3	Q1 and Q2	USPT	None	ADJ	YES
Q4	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	USPT	None	ADJ	YES
Q5	shampoo or hair reperative or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sunxscreen) near5 product)	USPT	None	ADJ	YES
Q6	(composition or preparation or product)	USPT	None	ADJ	YES
Q7	Q5 and Q6	USPT	None	ADJ	YES
Q8	shampoo or hair reperative or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or	USPT	None	ADJ	YES

	personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)				
Q9	Q7 and Q8	USPT	None	ADJ	YES
Q10	Q5 and Q9	USPT	None	ADJ	YES
Q11	Q4 and Q10	USPT	None	ADJ	YES
Q12	(Liquid or solid or gel or gel\$9) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q13	(Liquid or aqueous) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q14	(solid or dehydrated) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	USPT	None	ADJ	YES
Q15	Q13 and Q14	USPT	None	ADJ	YES
Q16	Q12 and Q15	USPT	None	ADJ	YES
Q17	Q11 and Q16	USPT	None	ADJ	YES
Q18	Q11 and Q15	USPT	None	ADJ	YES
Q19	Q11 and Q14	USPT	None	ADJ	YES
Q20	Q11 and Q13	USPT	None	ADJ	YES
Q21	Q11 and Q12	USPT	None	ADJ	YES
Q22	Q6 and Q8	USPT	None	ADJ	YES
Q23	Q12 and Q13	USPT	None	ADJ	YES
Q24	Q14 and Q23	USPT	None	ADJ	YES
Q25	Q15 and Q24	USPT	None	ADJ	YES
Q26	Q16 and Q25	USPT	None	ADJ	YES
Q27	Q4 and Q26	USPT	None	ADJ	YES
Q28	Q4 and Q22	USPT	None	ADJ	YES
Q29	Q22 and Q26	USPT	None	ADJ	YES

Q30	Q11 and Q28	USPT	None	ADJ	YES
Q31	Q14 and Q4	USPT	None	ADJ	YES
Q32	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetablr or wheat)))	USPT	None	ADJ	YES
Q33	Q4 and Q32	USPT	None	ADJ	YES
Q34	Q13 and Q32	USPT	None	ADJ	YES
Q35	Q14 and Q32	USPT	None	ADJ	YES
Q36	Q33 and Q35	USPT	None	ADJ	YES
Q37	Q34 and Q35	USPT	None	ADJ	YES
Q38	Q34 and Q11	USPT	None	ADJ	YES
Q39	Q35 and Q11	USPT	None	ADJ	YES
Q40	(foam or foamer) near5 Q32	USPT	None	ADJ	YES
Q41	Q8 and Q40	USPT	None	ADJ	YES
Q42	Q12 and Q40	USPT	None	ADJ	YES
Q43	Q13 and Q40	USPT	None	ADJ	YES
Q44	Q14 and Q40	USPT	None	ADJ	YES
Q45	Q11 and Q40	USPT	None	ADJ	YES
Q46	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	USPT	None	ADJ	YES
Q47	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 (foam or foamer)	USPT	None	ADJ	YES
Q48	((plant or vegetable or seed or grain) near5 (protein near hydrolysate)near5 (foam or foamer))	USPT	None	ADJ	YES
	((plant or vegetable or				

Q49	seed or grain) near5 (protein near hydrolysate))	USPT	None	ADJ	YES
Q50	(foam or foamer)	USPT	None	ADJ	YES
Q51	Q8 and Q50	USPT	None	ADJ	YES
Q52	Q45 and Q51	USPT	None	ADJ	YES
Q53	Q45 and Q50	USPT	None	ADJ	YES
Q54	Q52 and Q53	USPT	None	ADJ	YES
Q55	solid same Q49	USPT	None	ADJ	YES
Q56	liquid same Q49	USPT	None	ADJ	YES
Q57	(gel or gel\$5) same Q49	USPT	None	ADJ	YES
Q58	foam	USPT	None	ADJ	YES
Q59	Q55 and Q58	USPT	None	ADJ	YES
Q60	Q56 and Q58	USPT	None	ADJ	YES
Q61	Q57 and Q58	USPT	None	ADJ	YES
Q62	Q60 and Q8	USPT	None	ADJ	YES
Q63	solid content	USPT	None	ADJ	YES
Q64	(1 near5 percent)	USPT	None	ADJ	YES
Q65	20 near5 (weight near5 percent)	USPT	None	ADJ	YES
Q66	1 near5 (weight near5 percent)	USPT	None	ADJ	YES
Q67	Q65 and Q66	USPT	None	ADJ	YES
Q68	Q63 and Q67	USPT	None	ADJ	YES
Q69	Q49 and Q68	USPT	None	ADJ	YES
Q70	Q8 and Q69	USPT	None	ADJ	YES
Q71	Q58 and Q68	USPT	None	ADJ	YES
Q72	Q49 and Q71	USPT	None	ADJ	YES
Q73	Q54 and Q71	USPT	None	ADJ	YES
Q74	Q52 and Q71	USPT	None	ADJ	YES
Q75	Q62 and Q71	USPT	None	ADJ	YES
Q76	Q60 and Q71	USPT	None	ADJ	YES
Q77	ash content	USPT	None	ADJ	YES
Q78	Q65 and Q77	USPT	None	ADJ	YES

Q79	Q66 and Q77	USPT	None	ADJ	YES
Q80	Q78 and Q79	USPT	None	ADJ	YES
Q81	Q68 and Q80	USPT	None	ADJ	YES
Q82	Q49 and Q81	USPT	None	ADJ	YES
Q83	Q49 and Q80	USPT	None	ADJ	YES
Q84	Q49 and Q79	USPT	None	ADJ	YES
Q85	Q49 and Q77	USPT	None	ADJ	YES
Q86	Q49 and Q63	USPT	None	ADJ	YES
Q87	Q85 and Q86	USPT	None	ADJ	YES
Q88	Q67 and Q86	USPT	None	ADJ	YES
Q89	Q67 and Q85	USPT	None	ADJ	YES
Q90	Q88 and Q85	USPT	None	ADJ	YES
Q91	Q88 and Q40	USPT	None	ADJ	YES
Q92	Q88 and shampoo	USPT	None	ADJ	YES
Q93	Q88 and Q49	USPT	None	ADJ	YES
Q94	Q93 and Q52	USPT	None	ADJ	YES
Q95	Q93 and Q53	USPT	None	ADJ	YES
Q96	Q93 and Q54	USPT	None	ADJ	YES
Q97	Q93 and Q88	USPT	None	ADJ	YES
Q98	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES
Q99	shampoo or hair reperative or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES

	product)				
Q100	(Liquid or solid or gel or gel\$9) near5 (hydrolyzed or broken down or degraded near5 (grain near5 protein))	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES
Q101	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetable or wheat)))	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES
Q102	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	USPT,PGPB,JPAB,EPAB,DWPI	None	ADJ	YES
Q103	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetable or wheat)))	JPAB,EPAB,DWPI	None	ADJ	YES
Q104	shampoo or hair reperate or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)	JPAB,EPAB,DWPI	None	ADJ	YES
Q105	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetable or wheat)))	JPAB,EPAB,DWPI	None	ADJ	YES

Q106	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	JPAB,EPAB,DWPI	None	ADJ	YES
Q107	((plant or vegetable or seed or grain) near5 (protein near hydrolysate))	JPAB,EPAB,DWPI	None	ADJ	YES
Q108	foam	JPAB,EPAB,DWPI	None	ADJ	YES
Q109	solid content	JPAB,EPAB,DWPI	None	ADJ	YES
Q110	20 near5 (weight near5 percent)	JPAB,EPAB,DWPI	None	ADJ	YES
Q111	1 near5 (weight near5 percent)	JPAB,EPAB,DWPI	None	ADJ	YES
Q112	ash content	JPAB,EPAB,DWPI	None	ADJ	YES
Q113	solid content or total solids	JPAB,EPAB,DWPI	None	ADJ	YES
Q114	Q103 and Q105	JPAB,EPAB,DWPI	None	ADJ	YES
Q115	Q107 and Q114	JPAB,EPAB,DWPI	None	ADJ	YES
Q116	Q110 and Q111	JPAB,EPAB,DWPI	None	ADJ	YES
Q117	Q113 and Q116	JPAB,EPAB,DWPI	None	ADJ	YES
Q118	Q112 and Q116	JPAB,EPAB,DWPI	None	ADJ	YES
Q119	Q114 and Q118	JPAB,EPAB,DWPI	None	ADJ	YES
Q120	Q115 and Q118	JPAB,EPAB,DWPI	None	ADJ	YES
Q121	Q112 and Q113	JPAB,EPAB,DWPI	None	ADJ	YES
Q122	Q116 and Q121	JPAB,EPAB,DWPI	None	ADJ	YES
Q123	Q118 and Q122	JPAB,EPAB,DWPI	None	ADJ	YES
Q124	Q115 and Q123	JPAB,EPAB,DWPI	None	ADJ	YES
Q125	Q115 and Q112	JPAB,EPAB,DWPI	None	ADJ	YES
Q126	Q115 and Q121	JPAB,EPAB,DWPI	None	ADJ	YES
Q127	Q107 and Q112	JPAB,EPAB,DWPI	None	ADJ	YES
Q128	Q107 and Q113	JPAB,EPAB,DWPI	None	ADJ	YES
Q129	Q116 and Q128	JPAB,EPAB,DWPI	None	ADJ	YES
Q130	108 and 115	JPAB,EPAB,DWPI	None	ADJ	YES
Q131	108 and 128	JPAB,EPAB,DWPI	None	ADJ	YES

Q132	Q130 and Q131	JPAB,EPAB,DWPI	None	ADJ	YES
Q133	Q104 and Q132	JPAB,EPAB,DWPI	None	ADJ	YES
Q134	Q106 and Q132	JPAB,EPAB,DWPI	None	ADJ	YES

WEST Search History

DATE: Wednesday, February 26, 2003

Set Name Query

side by side

DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

Hit Count Set Name result set

L134	L106 and L132	0	L134
L133	L104 and L132	0	L133
L132	L130 and L131	103	L132
L131	108 and 128	1824	L131
L130	108 and 115	3506	L130
L129	L116 and L128	0	L129
L128	L107 and L113	5	L128
L127	L107 and L112	0	L127
L126	L115 and L121	0	L126
L125	L115 and L112	0	L125
L124	L115 and L123	0	L124
L123	L118 and L122	1	L123
L122	L116 and L121	1	L122
L121	L112 and L113	83	L121
L120	L115 and L118	0	L120
L119	L114 and L118	0	L119
L118	L112 and L116	1	L118
L117	L113 and L116	13	L117
L116	L110 and L111	401	L116
L115	L107 and L114	7	L115
L114	L103 and L105	210	L114
L113	solid content or total solids	23431	L113
L112	ash content	3561	L112
L111	1 near5 (weight near5 percent)	2193	L111
L110	20 near5 (weight near5 percent)	2044	L110
L109	solid content	21195	L109
L108	foam	174812	L108
L107	((plant or vegetable or seed or grain) near5 (protein near hydrolysate))	152	L107
L106	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	0	L106
L105	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetable or wheat))) shampoo or hair reperate or bubble bath or sunscreen or shaving	5111	L105

L104	cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)	28361	L104
L103	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	210	L103
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L102	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	0	L102
L101	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	15186	L101
L100	(Liquid or solid or gel or gel\$9) near5 (hyrolyzed or broken down or degraded near5(grain near5 protein))	847	L100
L99	shampoo or hair reperate or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)	65156	L99
L98	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetabl or wheat)))	854	L98
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L97	L93 and L88	1	L97
L96	L93 and L54	0	L96
L95	L93 and L53	0	L95
L94	L93 and L52	0	L94
L93	L88 and L49	1	L93
L92	L88 and shampoo	0	L92
L91	L88 and L40	0	L91
L90	L88 and L85	0	L90
L89	L67 and L85	0	L89
L88	L67 and L86	1	L88
L87	L85 and L86	0	L87
L86	L49 and L63	19	L86
L85	L49 and L77	3	L85
L84	L49 and L79	0	L84
L83	L49 and L80	0	L83
L82	L49 and L81	0	L82
L81	L68 and L80	68	L81
L80	L78 and L79	241	L80
L79	L66 and L77	528	L79
L78	L65 and L77	580	L78

L77	ash content	5083	L77
L76	L60 and L71	0	L76
L75	L62 and L71	0	L75
L74	L52 and L71	0	L74
L73	L54 and L71	0	L73
L72	L49 and L71	0	L72
L71	L58 and L68	580	L71
L70	L8 and L69	0	L70
L69	L49 and L68	1	L69
L68	L63 and L67	3433	L68
L67	L65 and L66	24267	L67
L66	1 near5 (weight near5 percent)	56916	L66
L65	20 near5 (weight near5 percent)	46957	L65
L64	(1 near5 percent)	95758	L64
L63	solid content	44041	L63
L62	L60 and L8	5	L62
L61	L57 and L58	1	L61
L60	L56 and L58	7	L60
L59	L55 and L58	0	L59
L58	foam	147838	L58
L57	(gel or gel\$5) same L49	15	L57
L56	liquid same L49	20	L56
L55	solid same L49	12	L55
L54	L52 and L53	16	L54
L53	L45 and L50	16	L53
L52	L45 and L51	16	L52
L51	L8 and L50	6526	L51
L50	(foam or foamer)	148078	L50
L49	((plant or vegetable or seed or grain) near5 (protein near hydrolysate))	257	L49
L48	((plant or vegetable or seed or grain) near5 (protein near hydrolysate)near5 (foam or foamer))	0	L48
L47	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 (foam or foamer)	0	L47
L46	((liquid near5 ((plant or vegetable or seed or grain) near5 (protein near hydrolysate)))) near5 shampoo	0	L46
L45	L11 and L40	16	L45
L44	L14 and L40	0	L44
L43	L13 and L40	0	L43
L42	L12 and L40	0	L42
L41	L8 and L40	16	L41

L40	(foam or foamer) near5 L32	59	L40
L39	L35 and L11	0	L39
L38	L34 and L11	0	L38
L37	L34 and L35	2	L37
L36	L33 and L35	0	L36
L35	L14 and L32	5	L35
L34	L13 and L32	5	L34
L33	L4 and L32	568	L33
L32	(hydroly\$8 near5 (protein or gluten or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or soybean or soy\$6 or vegetable or wheat)))	8669	L32
L31	L14 and L4	0	L31
L30	L11 and L28	95	L30
L29	L22 and L26	0	L29
L28	L4 and L22	95	L28
L27	L4 and L26	0	L27
L26	L16 and L25	64	L26
L25	L15 and L24	64	L25
L24	L14 and L23	64	L24
L23	L12 and L13	279	L23
L22	L6 and L8	30198	L22
L21	L11 and L12	0	L21
L20	L11 and L13	0	L20
L19	L11 and L14	0	L19
L18	L11 and L15	0	L18
L17	L11 and L16	0	L17
L16	L12 and L15	64	L16
L15	L13 and L14	64	L15
L14	(solid or dehydrated) near5 (hydrolyzed or broken down or degraded near5(grain near5 protein))	248	L14
L13	(Liquid or aqueous) near5 (hydrolyzed or broken down or degraded near5(grain near5 protein))	343	L13
L12	(Liquid or solid or gel or gel\$9) near5 (hydrolyzed or broken down or degraded near5(grain near5 protein))	585	L12
L11	L4 and L10	95	L11
L10	L5 and L9	30148	L10
L9	L7 and L8	30148	L9
L8	shampoo or hair reperate or bubble bath or sunscreen or shaving cream or hair conditioner or ((haircare or hair care or cosmetics or personal care or personal hygiene or pharmaceutical or sun protect\$8 or sun screen or sunscreen) near5 product)	31537	L8

L7	L5 and L6	30148	L7
L6	(composition or preparation or product)	1255092	L6
	shampoo or hair reperate or bubble bath or sunscreen or shaving		
	cream or hair conditioner or ((haircare or hair care or cosmetics or		
L5	personal care or personal hygiene or pharmaceutical or sun protect\$8	31487	L5
	or sunxscreen) near5 product)		
	(foam or foamer or foam\$6) same (hydroly\$8 near5 (protein or gluten		
L4	or zein near5 (corn or jojoba or maize or oat or rice or soja or soy or	568	L4
	soybean or soy\$6 or vegetabl or wheat)))		
L3	L1 and L2	6	L3
L2	((((424/400)!.CCLS.))	1345	L2
L1	((424/70.19)!.CCLS.)	395	L1

END OF SEARCH HISTORY

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 13:52:25 ON
26 FEB 2003

SEA (FOAM OR FOAMER OR FOAM?) (L) (HYDROLY? (L) (PROTEIN OR

GLU

39 FILE AGRICOLA
2 FILE ANABSTR
6 FILE AQUASCI
32 FILE BIOBUSINESS
119 FILE BIOSIS
33 FILE BIOTECHABS
33 FILE BIOTECHDS
29 FILE BIOTECHNO
93 FILE CABA
5 FILE CANCERLIT
577 FILE CAPLUS
10 FILE CEABA-VTB
15 FILE CEN
6 FILE CIN
3 FILE CROPU
1 FILE DDFU
47 FILE DGENE
3 FILE DRUGU
38 FILE EMBASE
31 FILE ESBIODASE
10 FILE FEDRIP
16 FILE FOREGE
169 FILE FROSTI
232 FILE FSTA
1 FILE HEALSAFE
167 FILE IFIPAT
24 FILE JICST-EPLUS
11 FILE KOSMET
14 FILE LIFESCI
43 FILE MEDLINE
5 FILE NTIS
1 FILE NUTRACEUT
75 FILE PASCAL
1 FILE PHIN
143 FILE PROMT
98 FILE SCISEARCH
55 FILE TOXCENTER
7860 FILE USPATFULL
194 FILE USPAT2
297 FILE WPIDS
297 FILE WPINDEX

2002:78202 USPATFULL
TI TOPICAL COMPOSITIONS COMPRISING FUNCTIONAL NUCLEOPHILES PROTECTED BY
PHOSPHORUS-CONTAINING MOIETIES
IN GLENN, JR., ROBERT WAYNE, LOVELAND, OH, UNITED STATES
PI US 2002041855 A1 20020411
AI US 1999-227912 A1 19990108 (9)
DT Utility
FS APPLICATION
LREP STEPHEN T MURPHY, THE PROCTER & GAMBLE COMPANY, 11511 REED HARTMAN
HIGHWAY, CINCINNATI, OH, 452412422
CLMN Number of Claims: 43
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1375
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to a topical composition for treating amino acid
based substrates comprising a protected nucleophilic compound having
the
formula

R--(Nu--Pr).sub.m

where R is a functional group, Nu is a nucleophile, and Pr is a
phosphorus-containing protecting group, and m is an integer between 1
and 6. The invention further relates to systems which comprise this
protected nucleophilic compound and an activating mechanism. The
protected nucleophilic compounds of the present invention may be used

in
hair care compositions, textile care compositions, laundry care
compositions, deodorant compositions, skin care compositions, cosmetic
compositions, oral care compositions, and animal care compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 2 OF 7 USPATFULL
AN 2002:21804 USPATFULL
TI Topical compositions comprising protected functional thiols
IN Glenn, Robert Wayne, JR., Surrey, UK, UNITED STATES
Katritzky, Alan Roy, Gainesville, FL, UNITED STATES
Block, Eric, Niskayuna, NY, UNITED STATES
Shair, Matthew David, Boston, MA, UNITED STATES
Ehlis, Thomas, Freiburg, GERMANY, FEDERAL REPUBLIC OF
Lupia, Joseph Anthony, Colfax, NC, UNITED STATES
PI US 2002012639 A1 20020131
US 6495125 B2 20021217
AI US 2001-755817 A1 20010105 (9)
RLI Continuation-in-part of Ser. No. US 2000-478855, filed on 7 Jan 2000,
PENDING
PRAI US 1999-115278P 19990108 (60)
US 1999-129453P 19990415 (60)
DT Utility
FS APPLICATION
LREP The Procter & Gamble Company, Sharon Woods Technical Center, Box 325,
11511 Reed Hartman Highway, Cincinnati, OH, 45241
CLMN Number of Claims: 14

KAILASH C. SRIVASTAVA

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2753

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a topical composition for treating amino acid based substrates comprising a protected thiol compound having the formula

R--(S--Pr).sub.m

where R is a functional group, S is sulfur, and Pr is a heterocyclic protecting group, and m is an integer between 1 and 100. The invention further relates to systems which comprise this protected thiol compound and an activating mechanism. The protected thiol compounds of the present invention may be used in hair care compositions, textile care compositions, cosmetic compositions, oral care compositions, skin care, nail care, laundry care, acne care and animal care compositions. Preferred embodiments of the present invention provide a modified UV absorber and a modified antioxidant, methods for making them and compositions comprising them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 3 OF 7 USPATFULL

AN 2000:44075 USPATFULL

TI Animal and/or vegetable protein containing cleaning compositions

IN Durbut, Patrick, Verviers, Belgium

Broze, Guy, Grace-Hollogne, Belgium

PA Colgate-Palmolive Co., Piscataway, NJ, United States (U.S. corporation)

PI US 6048835 20000411

AI US 1999-309409 19990510 (9)

RLI Continuation-in-part of Ser. No. US 1999-273828, filed on 22 Mar 1999, now abandoned which is a continuation-in-part of Ser. No. US 1997-944341, filed on 6 Oct 1997, now patented, Pat. No. US 5952288

DT Utility

FS Granted

EXNAM Primary Examiner: Ogden, Necholus

LREP Nanfeldt, Richard E.

CLMN Number of Claims: 3

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 560

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition comprising: a protein chemical linker, an anionic surfactant and water.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 4 OF 7 USPATFULL

AN 1999:110278 USPATFULL

TI Protein containing cleaning compositions

IN Durbut, Patrick, Verviers, Belgium

Broze, Guy, Grace-Hollogne, Belgium

PA Colgate-Palmolive Co., Piscataway, NJ, United States (U.S. corporation)

PI US 5952288 19990914

KAILASH C. SRIVASTAVA

AI US 1997-944341 19971006 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Ogden, Necholus
LREP Nanfeldt, Richard E.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 527

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition comprising: a protein chemical linker, an anionic surfactant and water.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 5 OF 7 USPATFULL
AN 97:68148 USPATFULL
TI Personal product compositions comprising heteroatom containing alkyl aldonamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5653970 19970805
AI US 1994-352008 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Gardner, Sallie M.
LREP Koatz, Ronald A.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 6060

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to personal product compositions containing heteroatom containing alkyl aldonamide compounds and skin conditioning agent. Unexpectedly, applicants have found that when these heteroatom containing alkyl aldonamides are used, benefits such as enhanced stability and/or enhanced viscosity are obtained relative to the use of other known thickeners or non-heteroatom containing aldonamides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 6 OF 7 USPATFULL
AN 97:53932 USPATFULL
TI Hair care compositions comprising heteroatom containing alkyl aldonamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5641480 19970624
AI US 1994-352309 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Gardner, Salle M.

LREP Koatz, Ronald A.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5444

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to hair care compositions containing heteroatom containing alkyl aldnamide compounds and hair conditioning agents. Unexpectedly, applicants have found that when these heteroatom containing alkyl aldnamides are used, benefits such as enhanced stability and/or enhanced viscosity are obtained relative to the use of other known thickeners or non-heteroatom containing aldnamides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L30 ANSWER 7 OF 7 USPATFULL
AN 97:36166 USPATFULL
TI Oral hygiene compositions comprising heteroatom containing alkyl aldnamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5624906 19970429
AI US 1994-351930 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Kight, John; Assistant Examiner: Lee, Howard C.
LREP Koatz, Ronald A.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5216

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is related to new oral hygiene compositions that have improved foam, viscosity, clarity and good taste due to the inclusion of a new type of alkyl aldnamide compound, specifically heteroatom containing alkyl aldnamide compounds.